

PATENT APPLICATION**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Paul ANUZIS et al.

Group Art Unit: 2863

Application No.: 09/898,008

Examiner: T. Le

Filed: July 5, 2001

Docket No.: 110023

For: HEALTH MONITORING

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Sir:

In reply to the October 3, 2003 Office Action, the period for reply extended to February 3, 2004 by a Petition for Extension of Time filed herewith, reconsideration of the above-identified application is respectfully requested.

Claims 1-18 are pending in this application.

I. The Claims Define Patentable Subject Matter

The Office Action rejects claims 1-18 under 35 U.S.C. §102(b) as being anticipated by "Application of a Neural Network in Gas Turbine Control Sensor Fault Detection", Simani et al. (hereinafter "Simani"). The rejection is respectfully traversed.

Applicants' claim 1 relates to monitoring the health of a system by constructing a condition signature from a plurality of condition indicators including a plurality of vibration measurements acquired from the system or one or more vibration measurements in one or more performance parameter measurements acquired from the system, predicting a normal signature from a model defining one or more inter-dependencies between the condition indicators, the normal signature corresponding to a condition signature for a healthy system,

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For at least these reasons, Applicants respectfully submit that Simani fails to disclose or render obvious the features recited in independent claims 1, 8, 17 and 18. Claims 2-7 and 9-16, which depend from the independent claims are likewise distinguished over the applied art for at least the reasons discussed as well as for the additional features they recite. Reconsideration and withdrawal of the rejection under 35 U.S.C. §102 are respectfully requested.

II. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-18 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

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JAO:DJC/al

Attachments: Petition for Extension of Time
Letter to the Official Draftsperson

Date: February 3, 2004

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